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Applicant(s): Yasushi AKIYAMA et al.

Docket No.

2002JP311

Serial No.

10/519,242

Filing Date

December 22, 2004

Examiner

WU, Ives J.

Group Art Unit

1713

Invention: COMPOSITION FOR ANTIREFLECTION COATING AND METHOD FOR FORMING PATTERN

I hereby certify that this Declaration Under 37 C.F.R. § 1.132 - 2 Pages*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on December 13, 2006*(Date)*MARIA T. SANCHEZ*(Typed or Printed Name of Person Mailing Correspondence)*
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Attorney's Docket Number: 2002JP311

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Yasushi Akiyama

Serial No.: 10 / 519,242

Group Art Unit: 1713

Filed: December 22, 2004

Examiner: WU, IVES J

For: Composition for antireflection coating and method for forming pattern

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

DECLARATION UNDER 37 C. F. R. § 1.132

I, Yasushi AKIYAMA, a Japanese citizen, residing in Kakegawa-shi, Japan, declare as follows:

I received a Bachelor of Science degree from Yokohama City University in March, 1999 and a Master of Science degree in organic chemistry from Yokohama City University in March, 2001. I had had been employed by Clariant (Japan) K.K. as a research & development engineer from April, 2001 to October, 2004. And then, I have been employed by AZ Electronic Materials (Japan) K.K. as a research & development engineer since October, 2004. I have been involved in research and development work relating to photoresists and ancillary chemicals since 2001.

I have been named as an inventor on at least 2 US Patent pending and 3 Japanese patent pending applications. I am an applicant in the above-mentioned patent application and an inventor of the invention claimed therein. I am familiar with the references which were used in the rejection thereof.

In order to prove that the Example of cited document, JP08-044066, is impossible to exercise, the following experiments were performed by me or under my direction and control by a colleague who has communicated his finding to me.

< Experimental report >

Fluorinated polyether compound solubility test with deionized water for the patent application JP08-044066.

<TEST1>

We acquired perfluoro-3,6,9-trioxadecanoic acid such as formula 1 of JP08-044066 paragraph [0014]. Perfluoro-3,6,9-trioxadecanoic acid (0.15g) was added to deionized water (4.85g). After mixing this solution with magnetic stirrer for one day, this compound couldn't be dissolved in deionized water.

I declare that all statements herein made on information and belief are believed to be true. I understand that willful false statements and the like are punishable by fine or imprisonment or both (18 U.S.C. 1001) and may jeopardize the validity of the application or any patent issuing thereon.

Oct 5th, 2006

(date)

Yasushi Akiyama

(name)